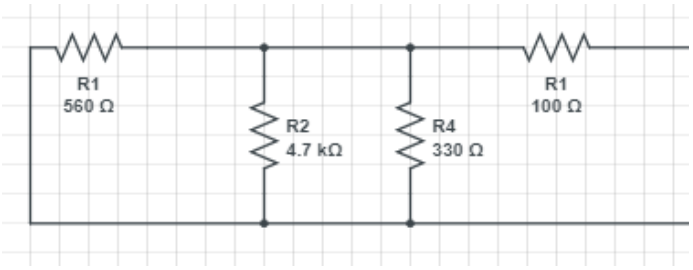
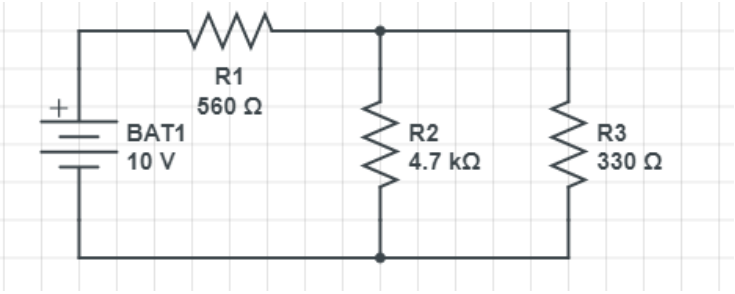
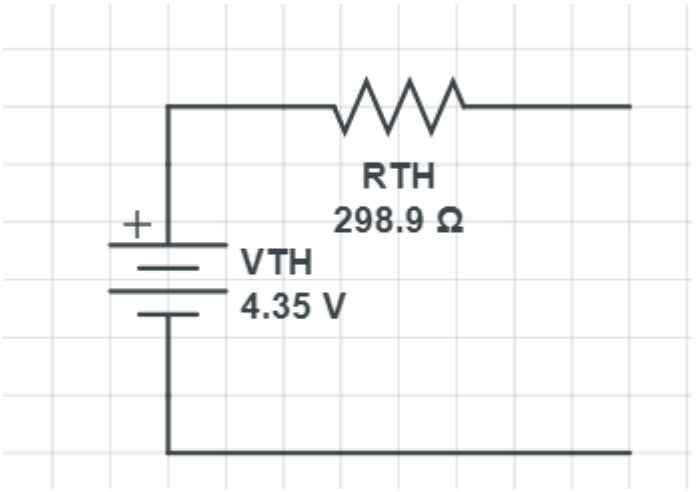


$R_6 = \frac{1}{\frac{1}{560\Omega} + \frac{1}{4700\Omega} + \frac{1}{330\Omega}}$ $R_6 = \frac{4342800}{21839}\Omega$ $R_6 = 198.855\Omega$	$R_{TH} = R_6 + R_4$ $R_{TH} = 198.855\Omega + 100\Omega$ $R_{TH} = 298.855\Omega$

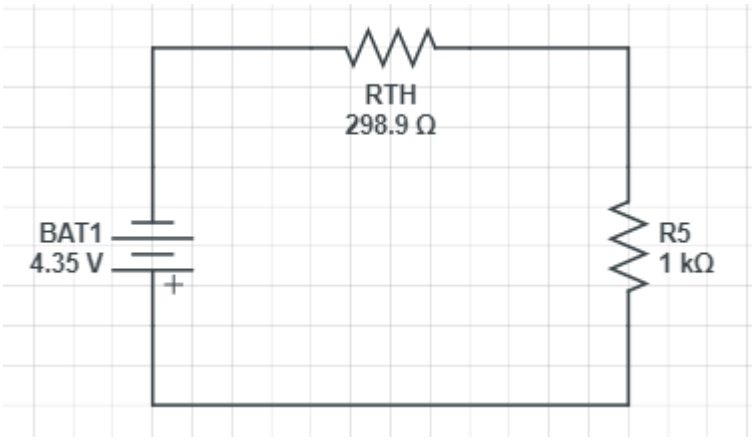


$R_{eq1} = \frac{1}{\frac{1}{R_2} + \frac{1}{R_3}}$ $R_{eq1} = \frac{1}{\frac{1}{4700\Omega} + \frac{1}{330\Omega}}$ $R_{eq1} = 308.34$	$R_{T1} = R_{eq1} + R_1$ $R_{T1} = 308.34\Omega + 560\Omega$ $R_{T1} = 868.35\Omega$
$V_{TH1} = \left(\frac{R_{eq}}{R_T}\right) \cdot V$ $V_{TH1} = \left(\frac{308.34\Omega}{868.35\Omega}\right) \cdot 10\ V$ $V_{TH1} = 3.55\ V$	$R_{eq2} = \frac{1}{\frac{1}{R_1} + \frac{1}{R_2}}$ $R_{eq2} = \frac{1}{\frac{1}{560\Omega} + \frac{1}{4700\Omega}}$ $R_{eq2} = 500.38\Omega$
$R_{T2} = R_{eq2} + R_3$ $R_{T2} = 500.38\Omega + 330\Omega$ $R_{T2} = 830.38\Omega$	$V_{TH2} = \left(\frac{R_3}{R_{T2}}\right) \cdot V$ $V_{TH2} = \left(\frac{330\Omega}{830.38\Omega}\right) \cdot 2\ V$ $V_{TH2} = 0.795\ V$
$V_{TH} = V_{TH1} + V_{TH2}$ $V_{TH} = 3.55\ V + 0.795\ V$ $V_{TH} = 4.35\ V$	

Circuito Equivalente de Thévenin



Circuito Equivalente de Thévenin + R5



$R_{eq3} = R_5 + R_{TH}$ $R_{eq3} = 1000\Omega + 298.855\Omega$ $R_{eq3} = 1298.855\Omega$	$V_{R5} = \left(\frac{R_5}{R_{eq3}}\right) \cdot V$ $V_{R5} = \left(\frac{1000\Omega}{1298.855\Omega}\right) \cdot 4.35\ V$ $V_{R5} = 3.349\ V$
$I_{R5} = \left(\frac{V}{R_{eq3}}\right)$ $I_{R5} = \left(\frac{4.35\ V}{1298.855\Omega}\right)$ $I_{R5} = 3.349\ A$	